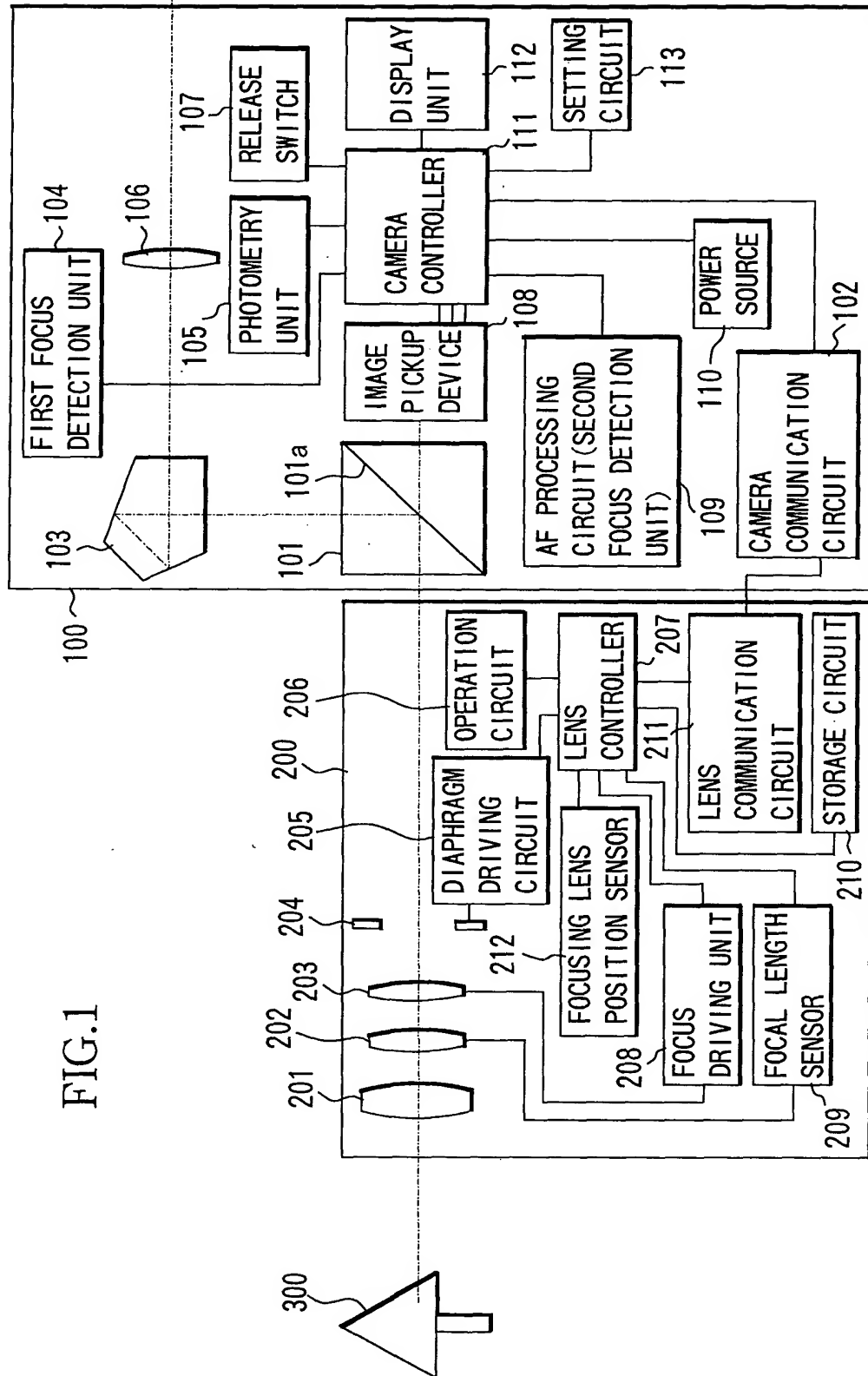


FIG. 1



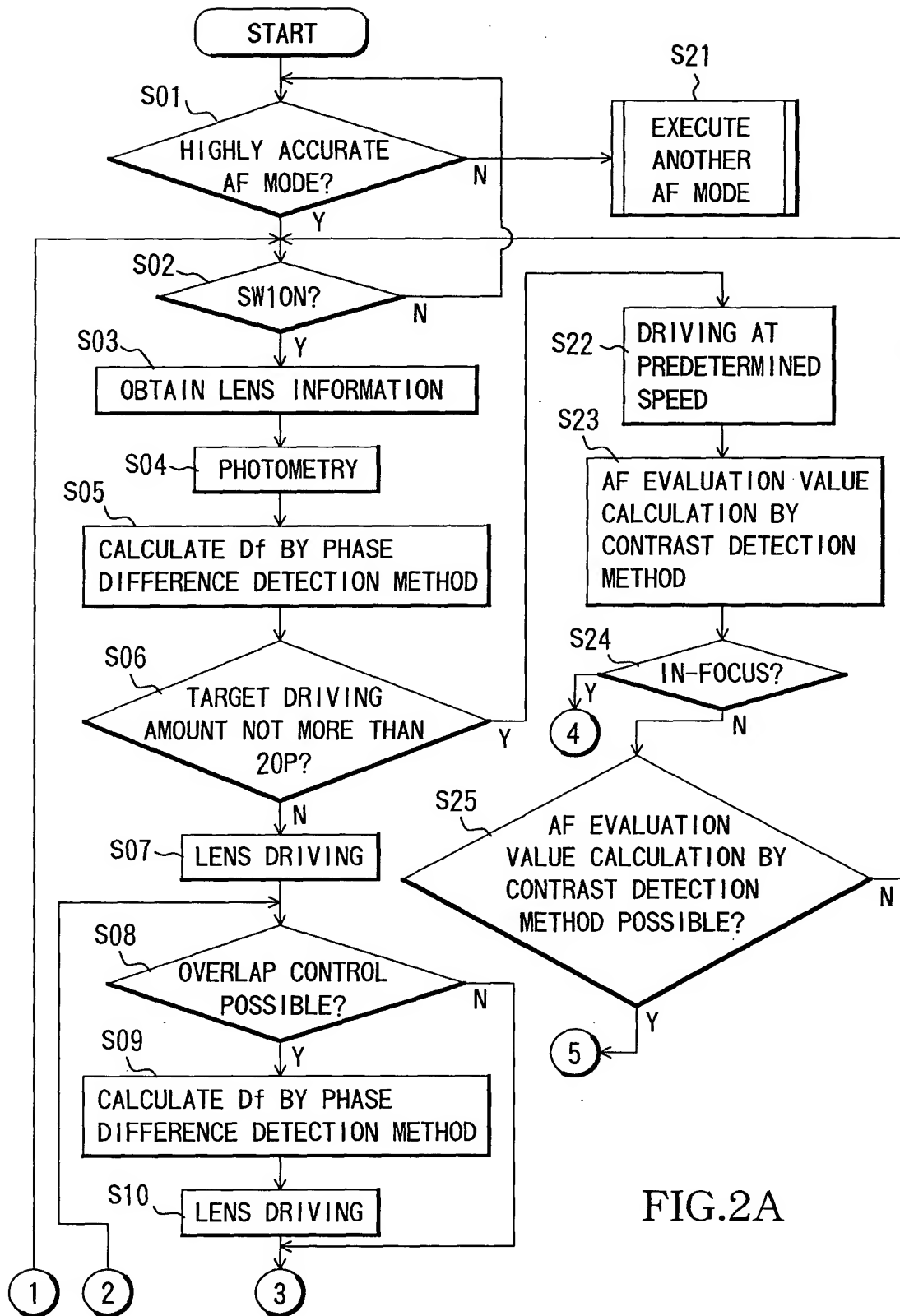


FIG.2A

FIG.2B

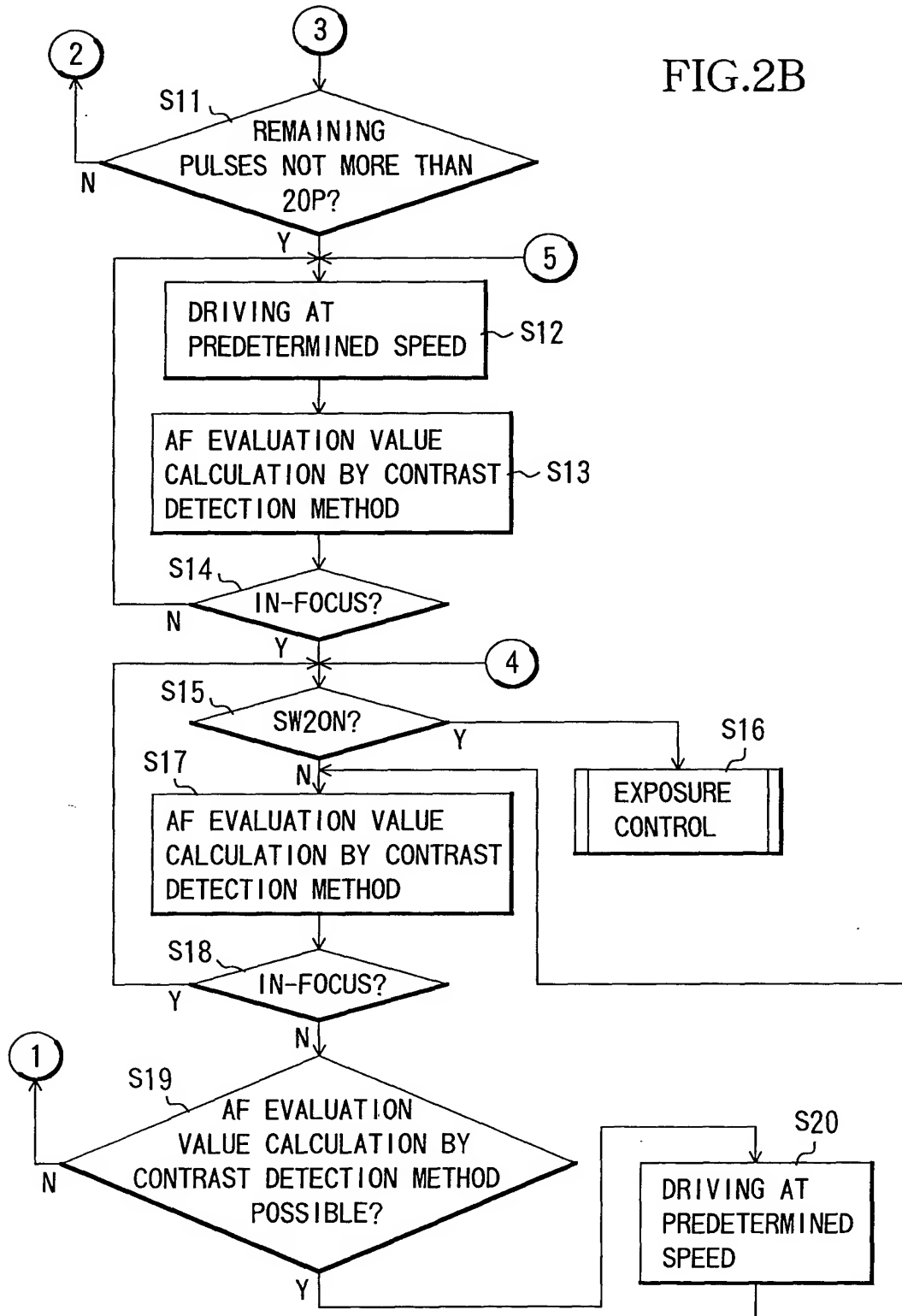


FIG.3

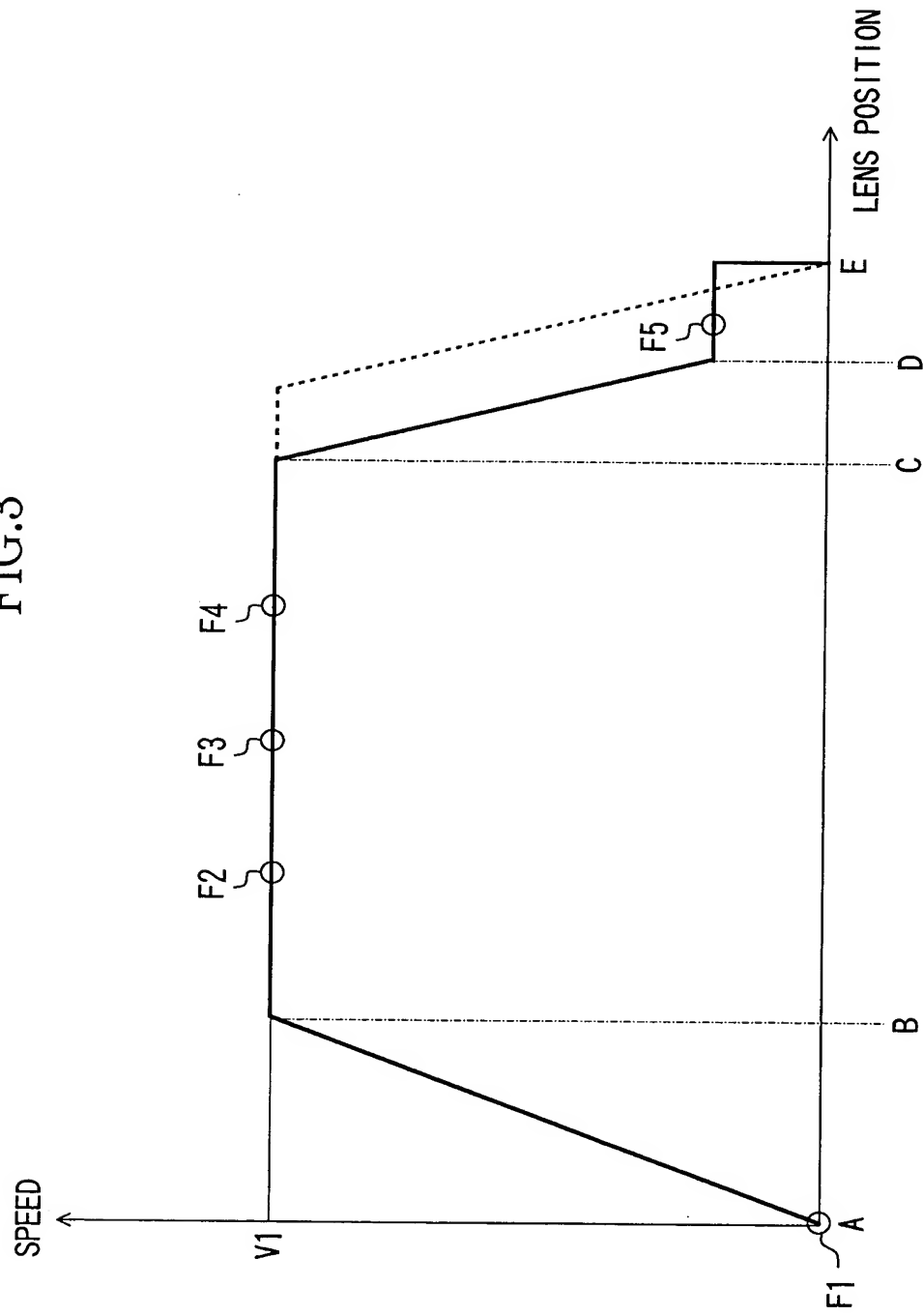


FIG.4

	DIVISION	FOCAL LENGTH	LENS MOVEMENT AMOUNT PER PARAMETER	LENS IMAGE PLANE MOVEMENT AMOUNT PER PARAMETER	FOCUS SENSITIVITY FS
WIDE	0	28	3.79	- 5.82	1.53
	1	30	4.08	- 6.61	1.62
	2	35	4.96	- 9.37	1.89
	3	39	5.91	- 13.58	2.30
	4	44	6.91	- 17.28	2.50
	5	50	7.91	- 22.49	2.84
	6	55	8.88	- 28.52	3.21
	7	62	9.82	- 35.37	3.60
	8	70	10.68	- 43.02	4.03
	9	78	11.45	- 51.32	4.48
	10	88	12.13	- 59.53	4.94
	11	98	12.70	- 68.39	5.38
	12	108	13.17	- 76.18	5.78
	13	118	13.54	- 82.93	6.12
	14	128	13.82	- 88.46	6.40
	15	136	14.03	- 92.81	6.61
	16	143	14.18	- 96.11	6.78
	17	149	14.28	- 98.59	6.90
	18	155	14.36	- 100.46	6.99
	19	160	14.43	- 101.87	7.06
	20	165	14.50	- 102.98	7.10
	21	169	14.59	- 103.89	7.12
	22	173	14.64	- 104.69	7.15
	23	176	14.85	- 105.45	7.10
	24	179	15.15	- 106.23	7.01
	25	182	15.24	- 107.08	7.03
	26	184	15.47	- 108.00	6.98
	27	186	15.73	- 109.00	6.93
	28	188	16.01	- 110.05	6.87
	29	189	16.35	- 111.13	6.80
	30	191	16.55	- 112.19	6.78
TELE	31	196	16.80	- 113.17	6.74
	32	200	17.12	- 114.45	6.69

FIG.6

